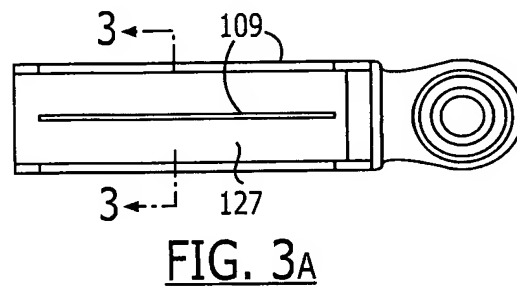
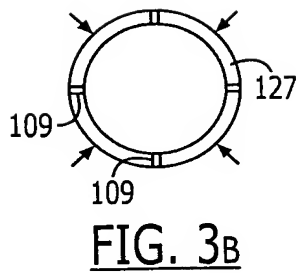
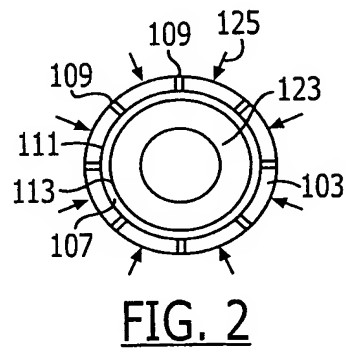
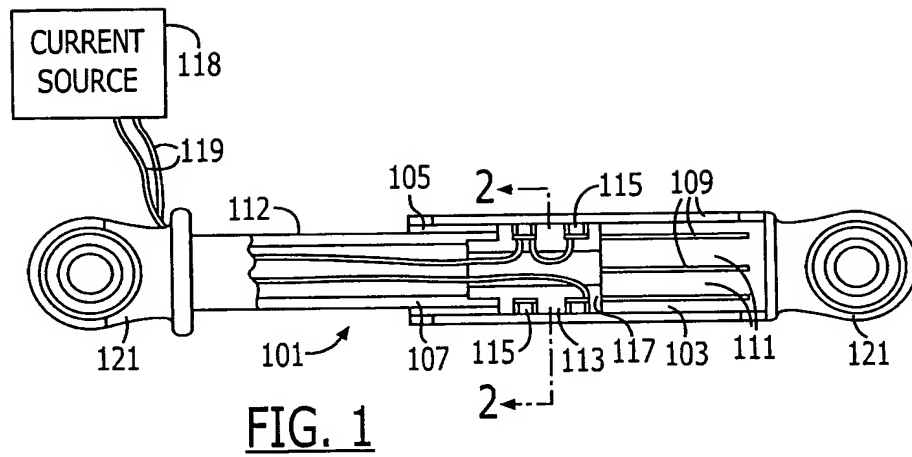




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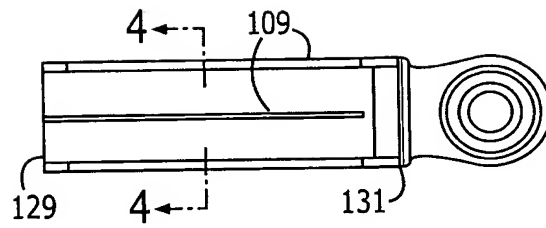


FIG. 4A

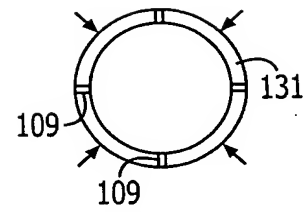


FIG. 4B

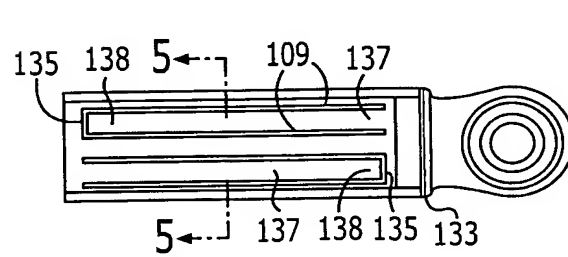


FIG. 5A

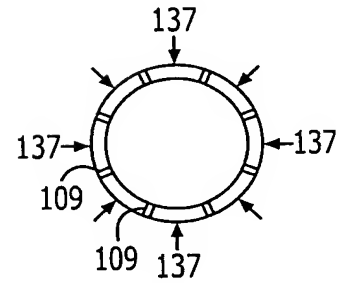


FIG. 5B

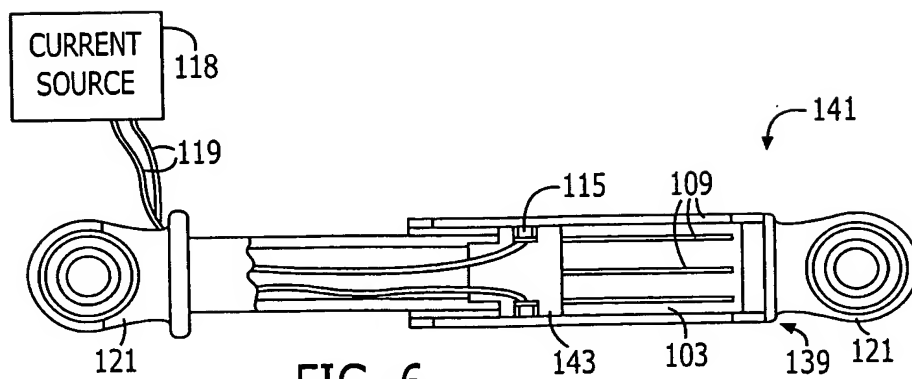


FIG. 6

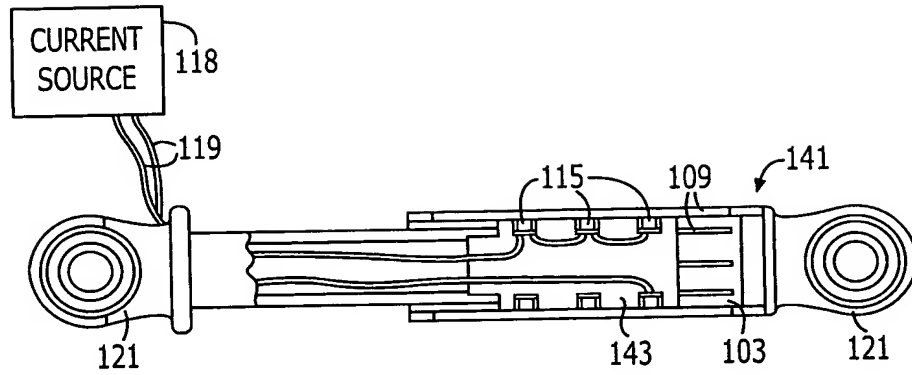


FIG. 7

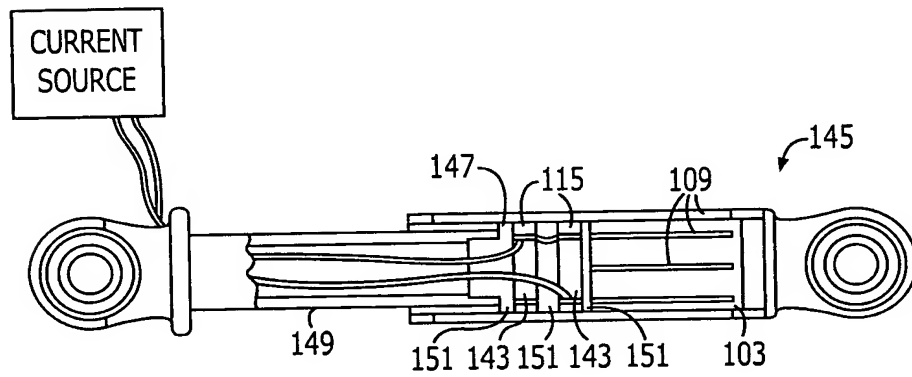


FIG. 8

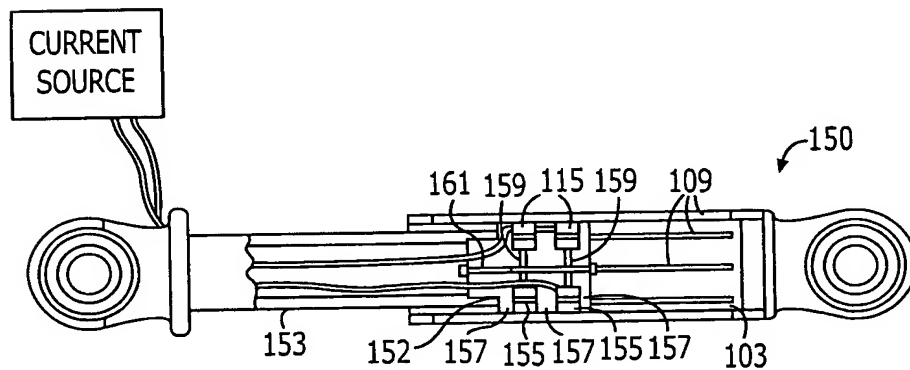


FIG. 9

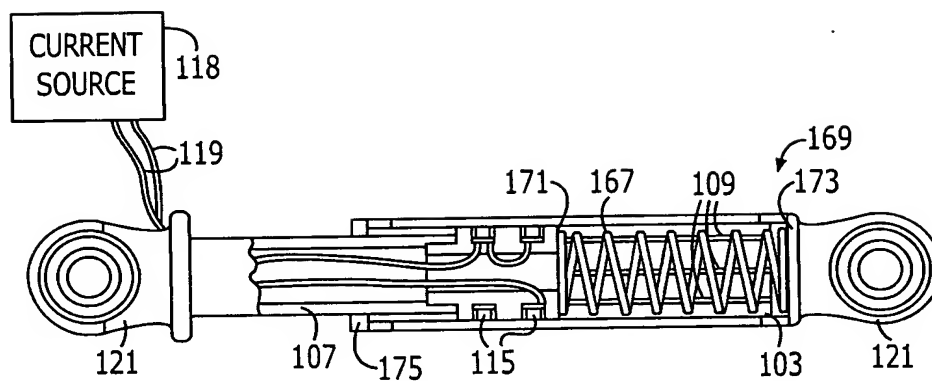


FIG. 10

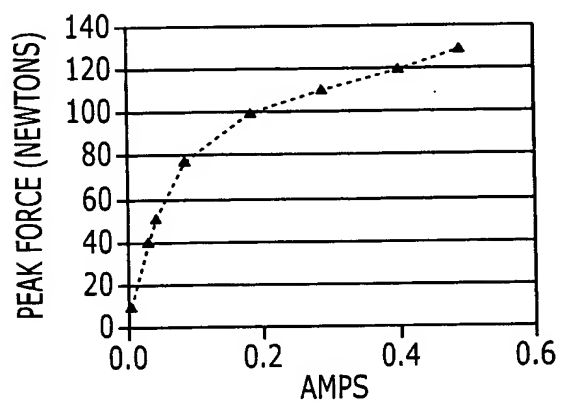


FIG. 11

FIG. 12

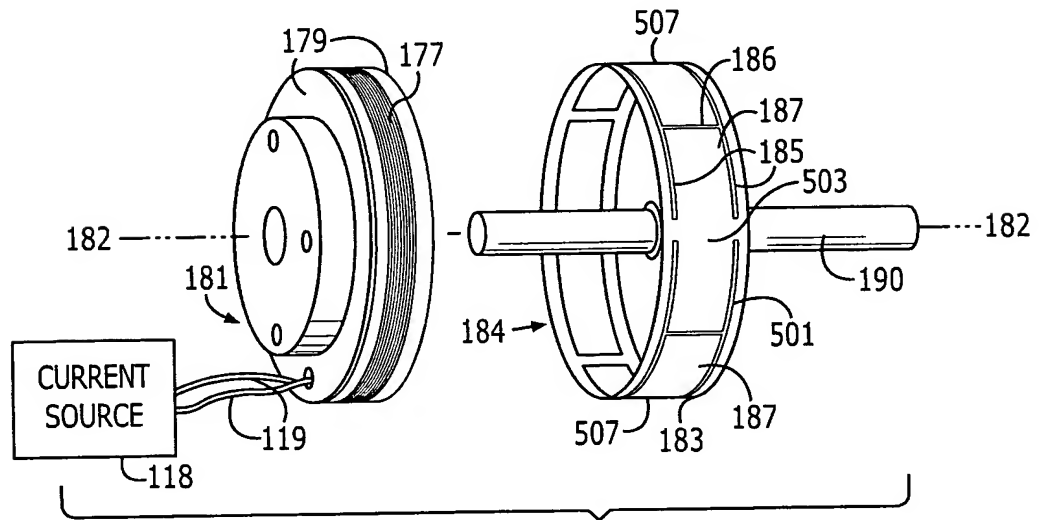
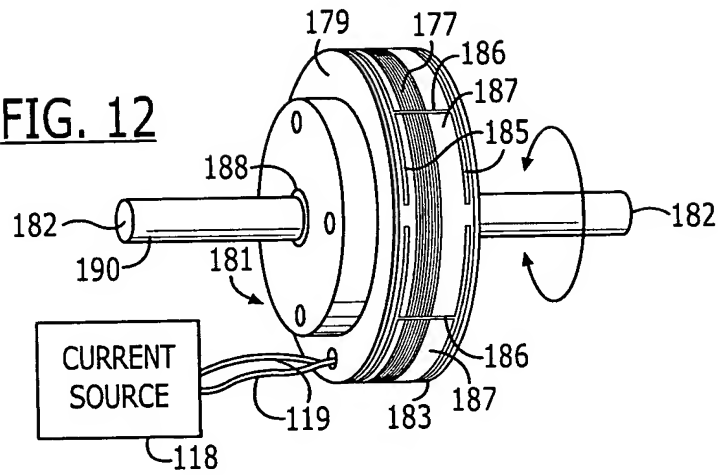


FIG. 13

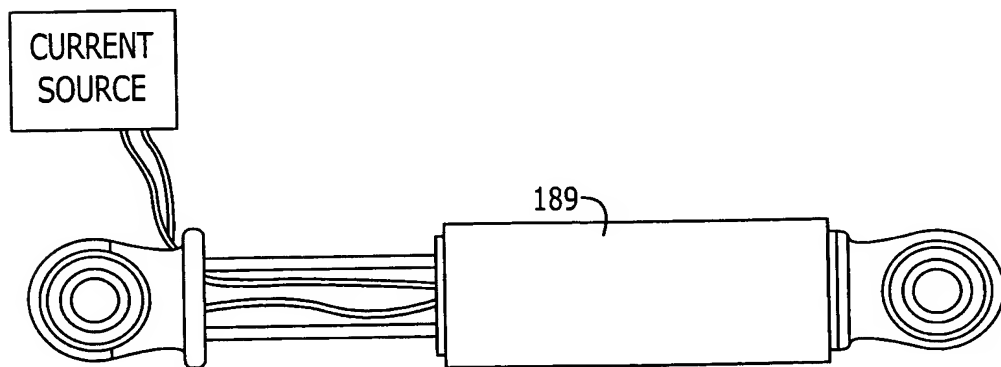
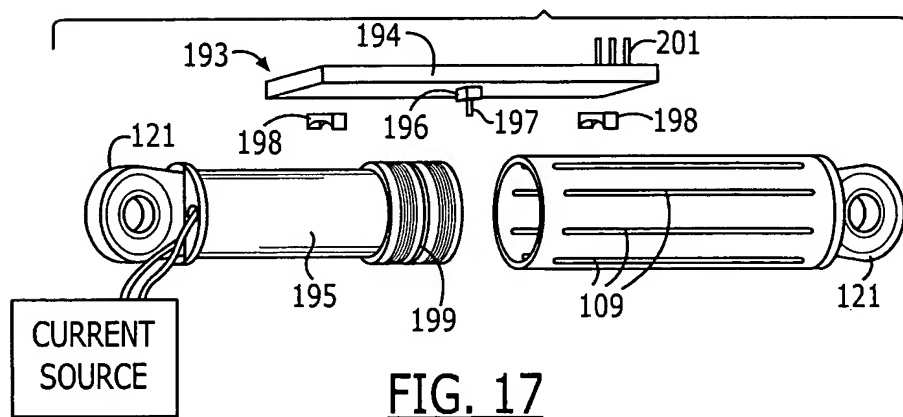
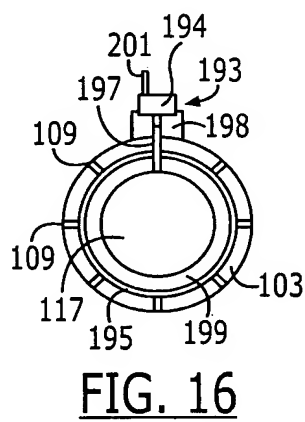
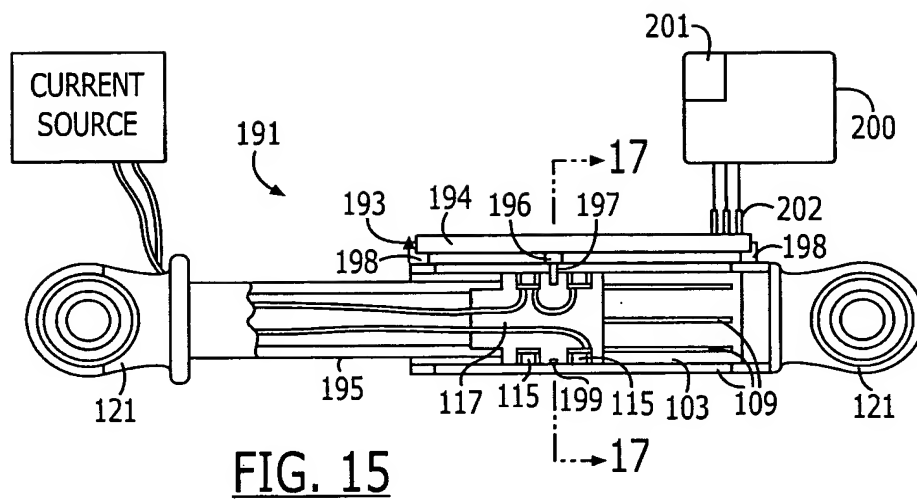


FIG. 14



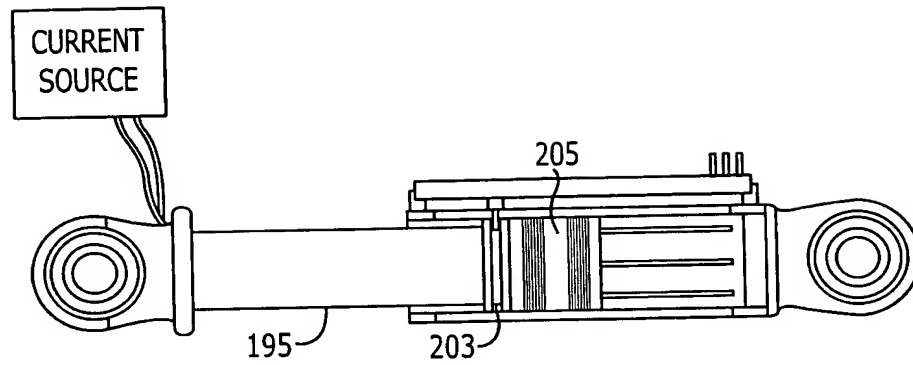


FIG. 18

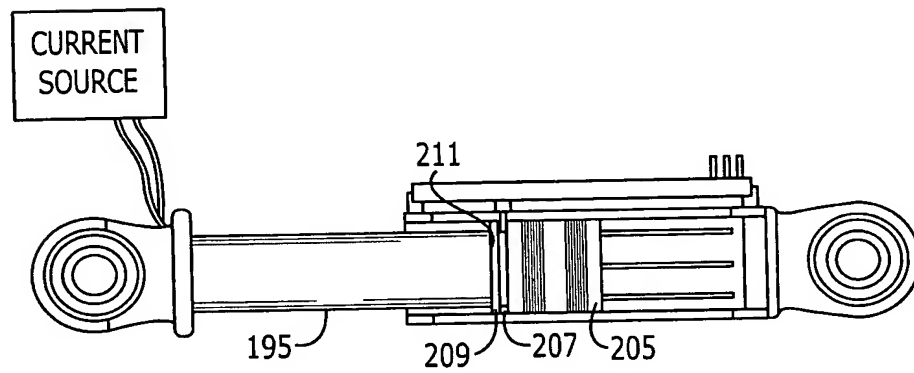


FIG. 19

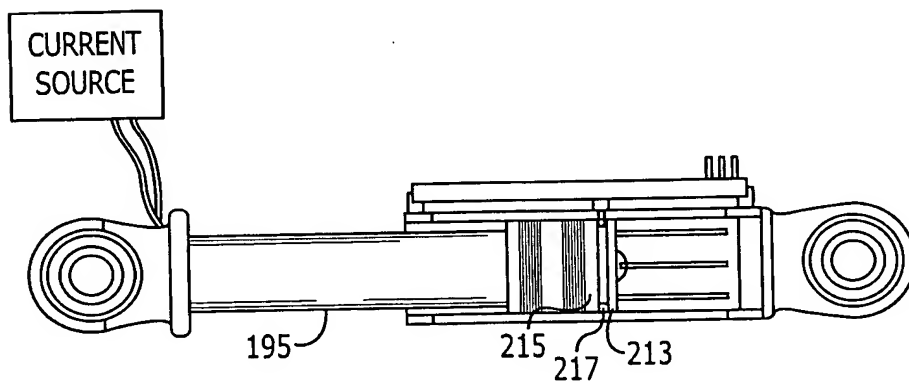
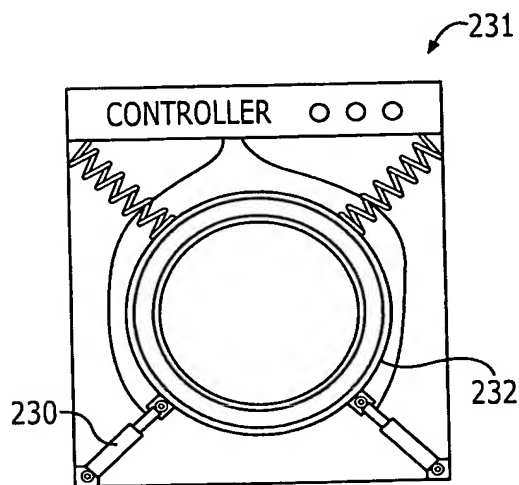
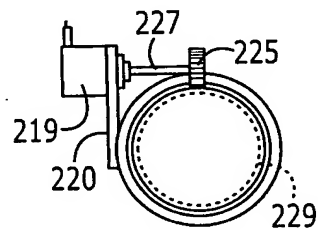
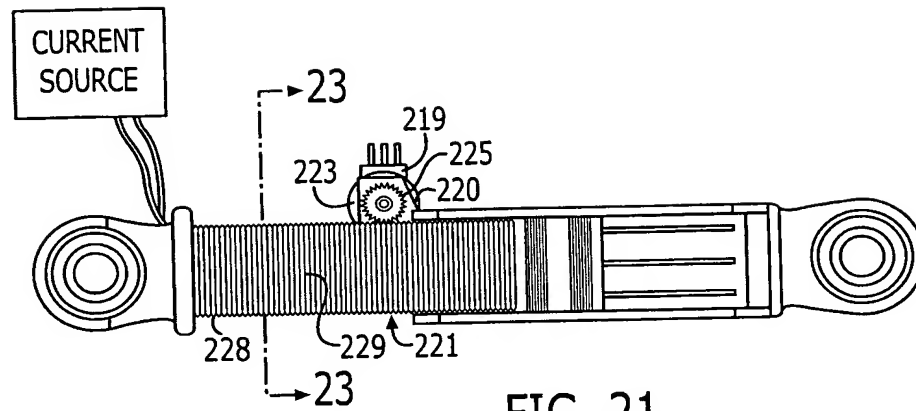


FIG. 20



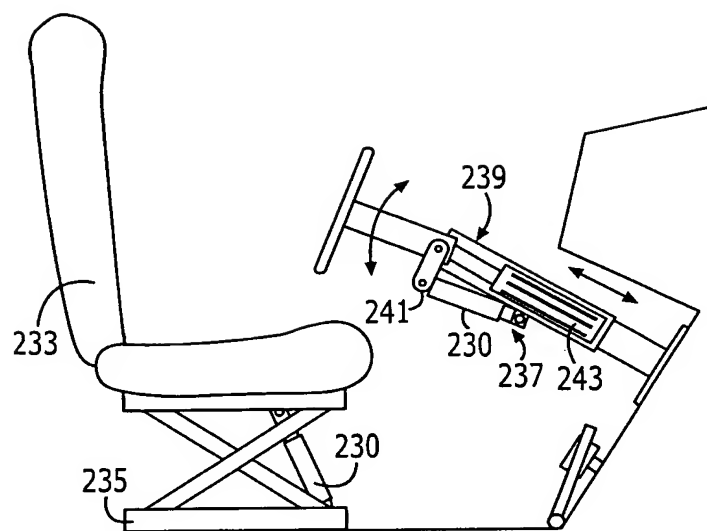


FIG. 24

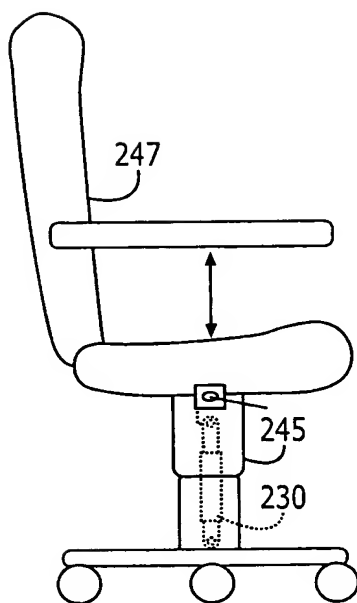


FIG. 25A

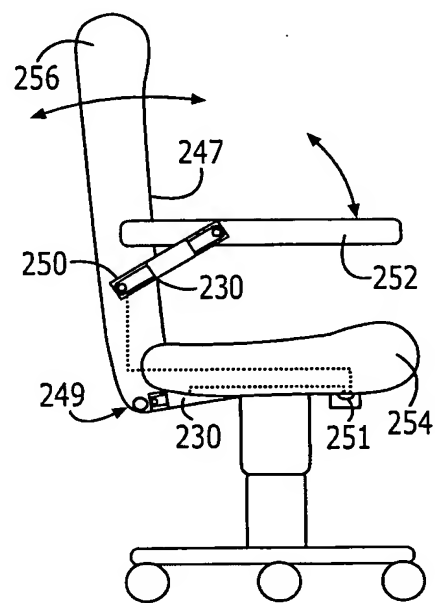


FIG. 25B

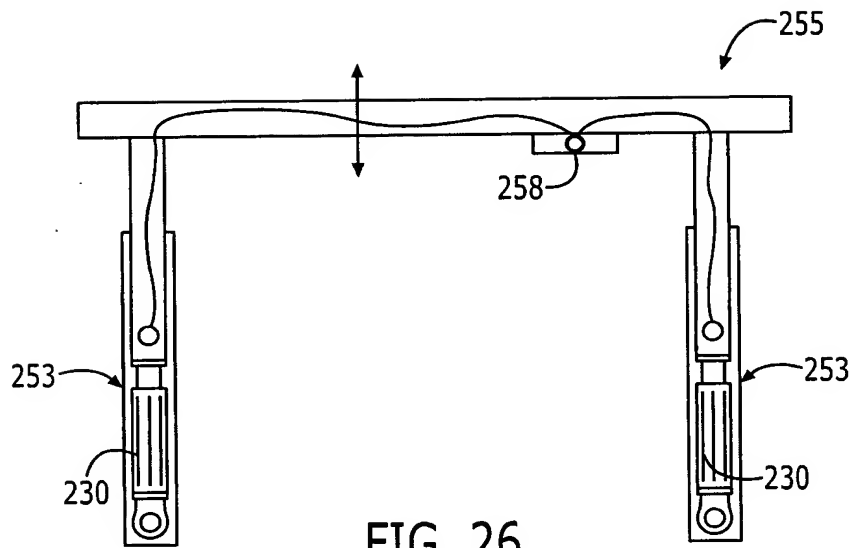


FIG. 26

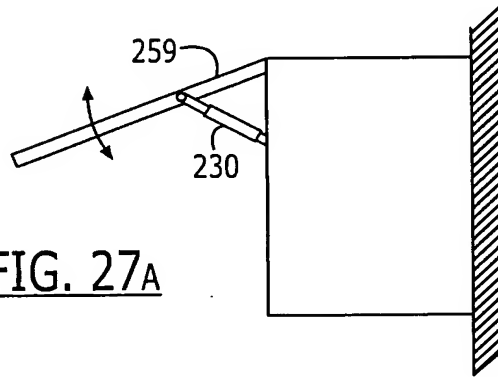


FIG. 27A

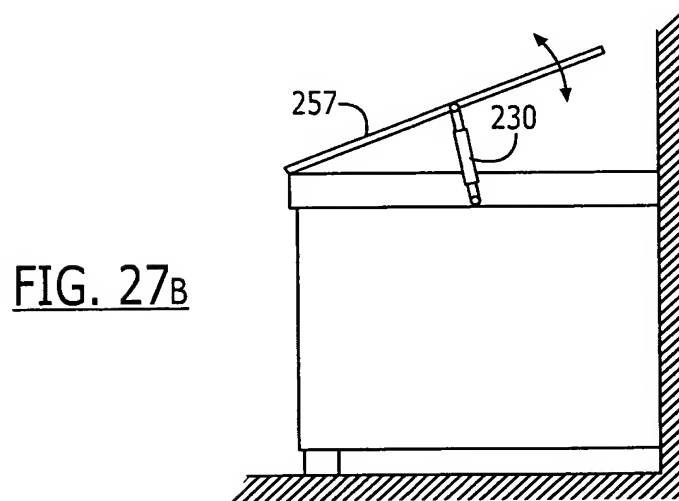


FIG. 27B

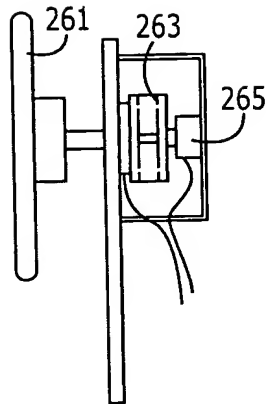


FIG. 28

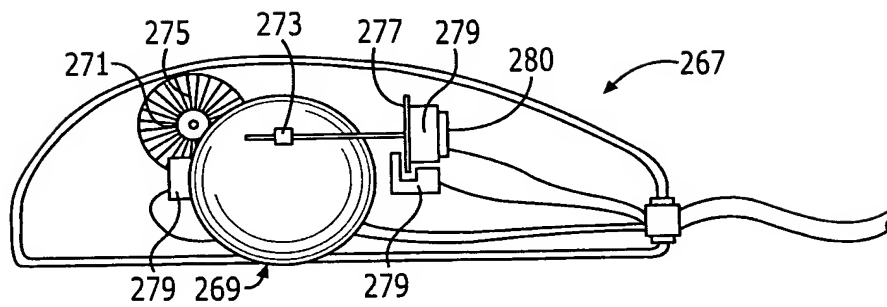


FIG. 29

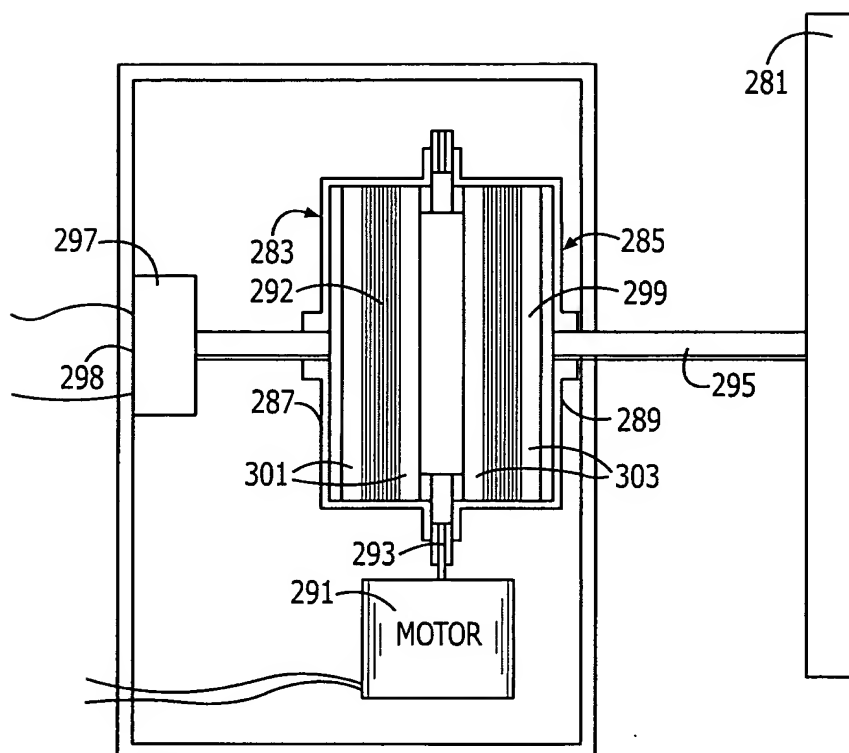


FIG. 30

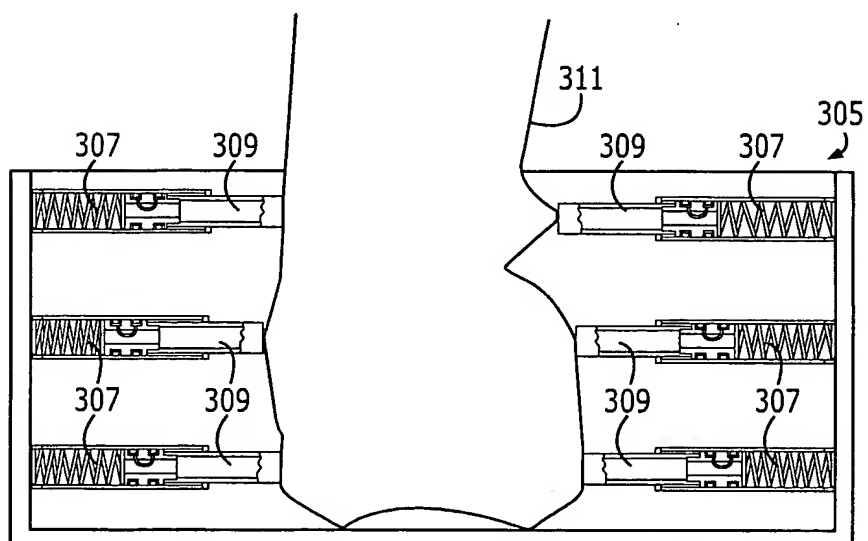


FIG. 31

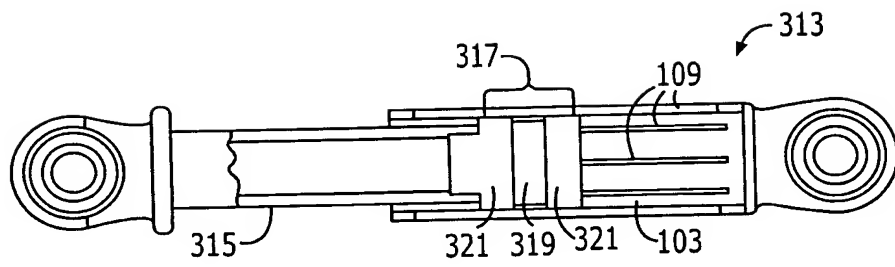


FIG. 32

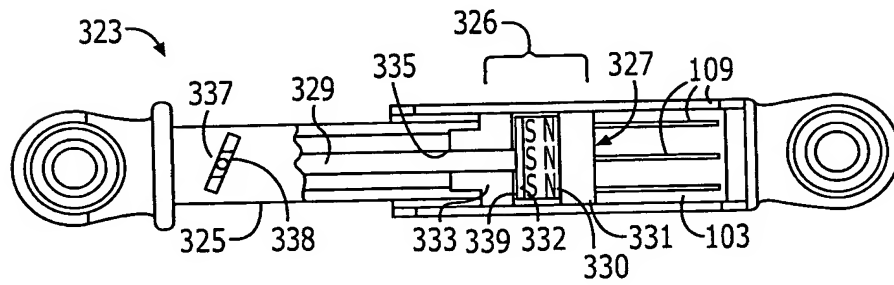


FIG. 33

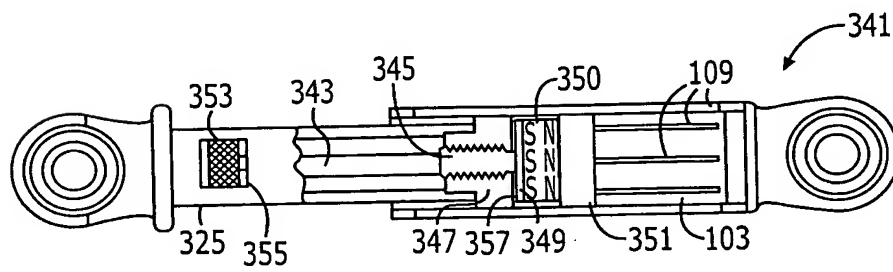


FIG. 34

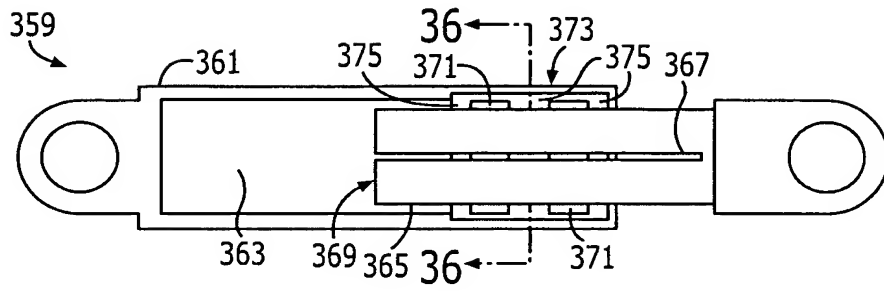


FIG. 35A

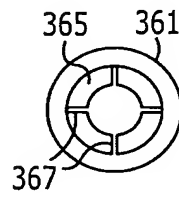


FIG. 35B

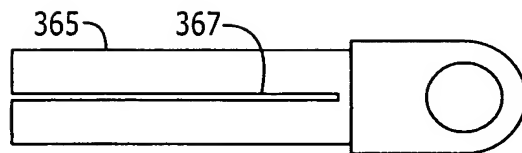


FIG. 36A

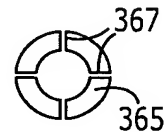


FIG. 36B

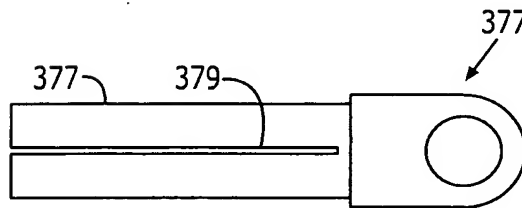


FIG. 37A

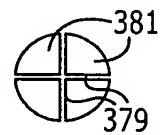


FIG. 37B

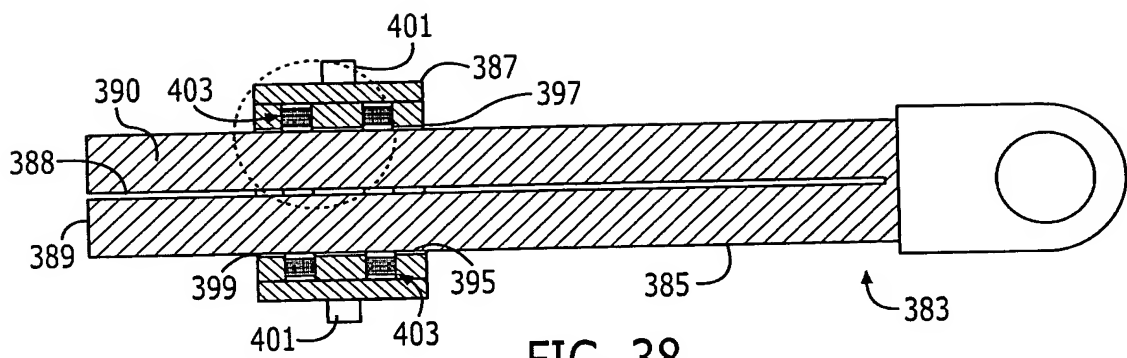


FIG. 38

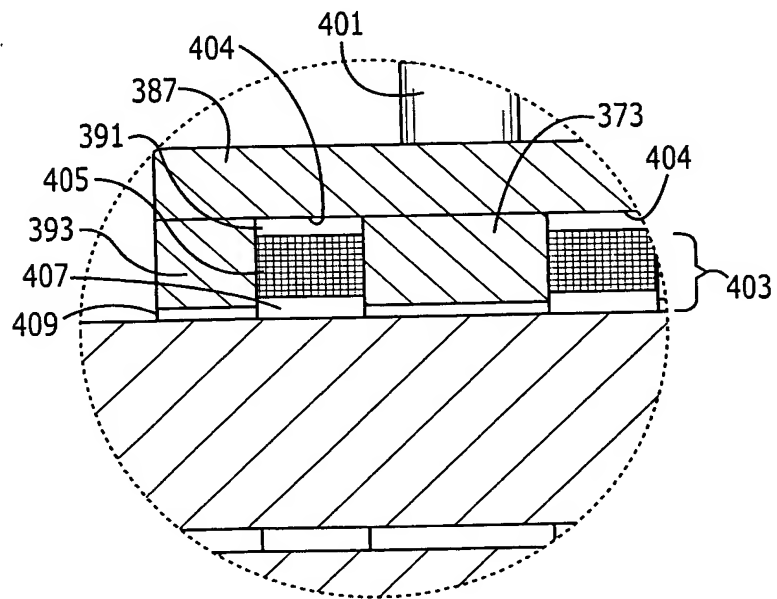
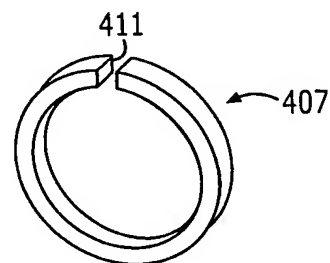
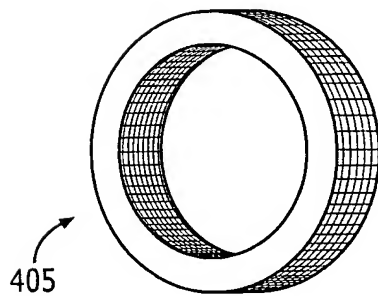
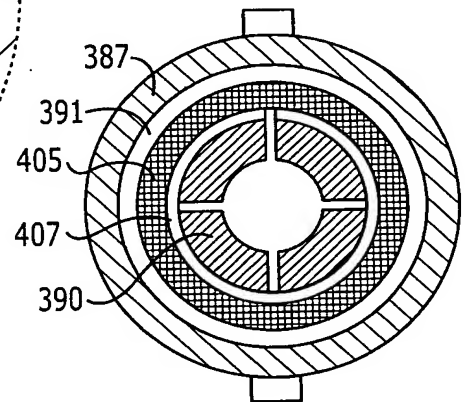
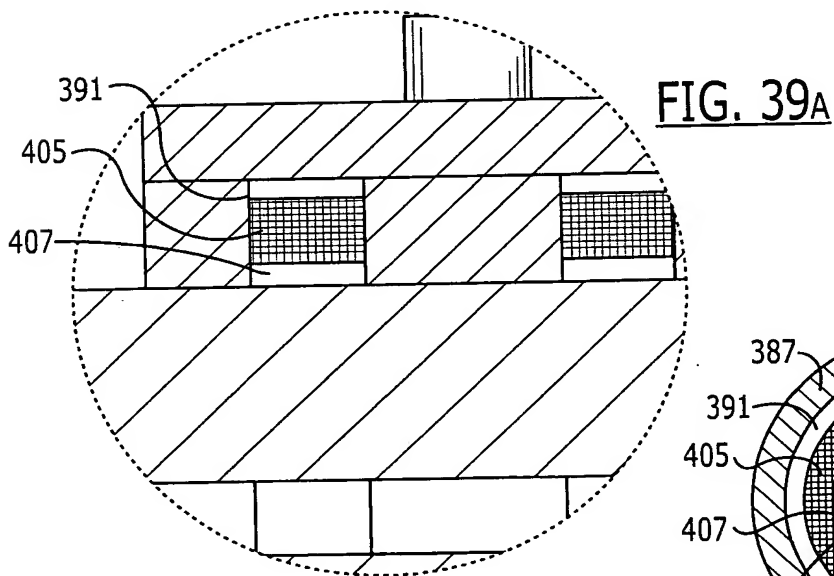
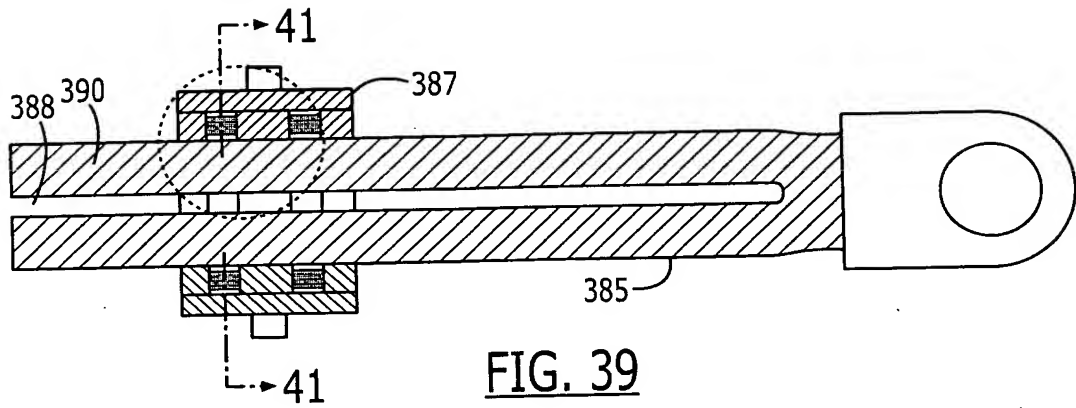


FIG. 38A



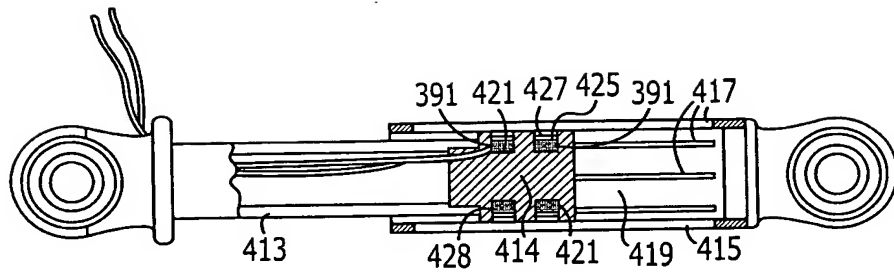


FIG. 41

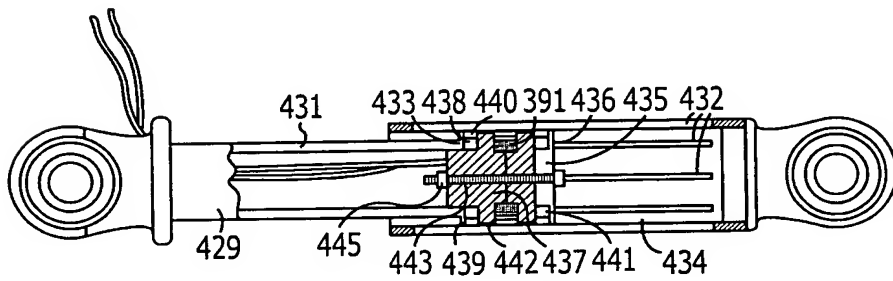


FIG. 42

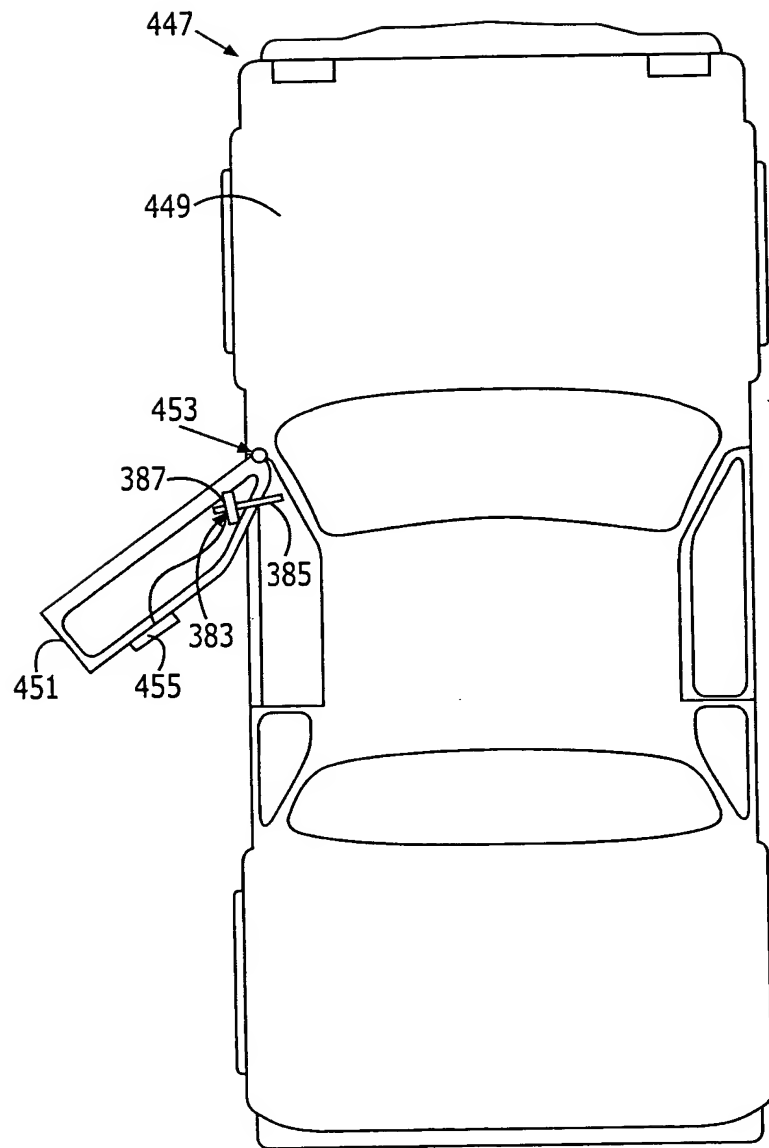


FIG. 43

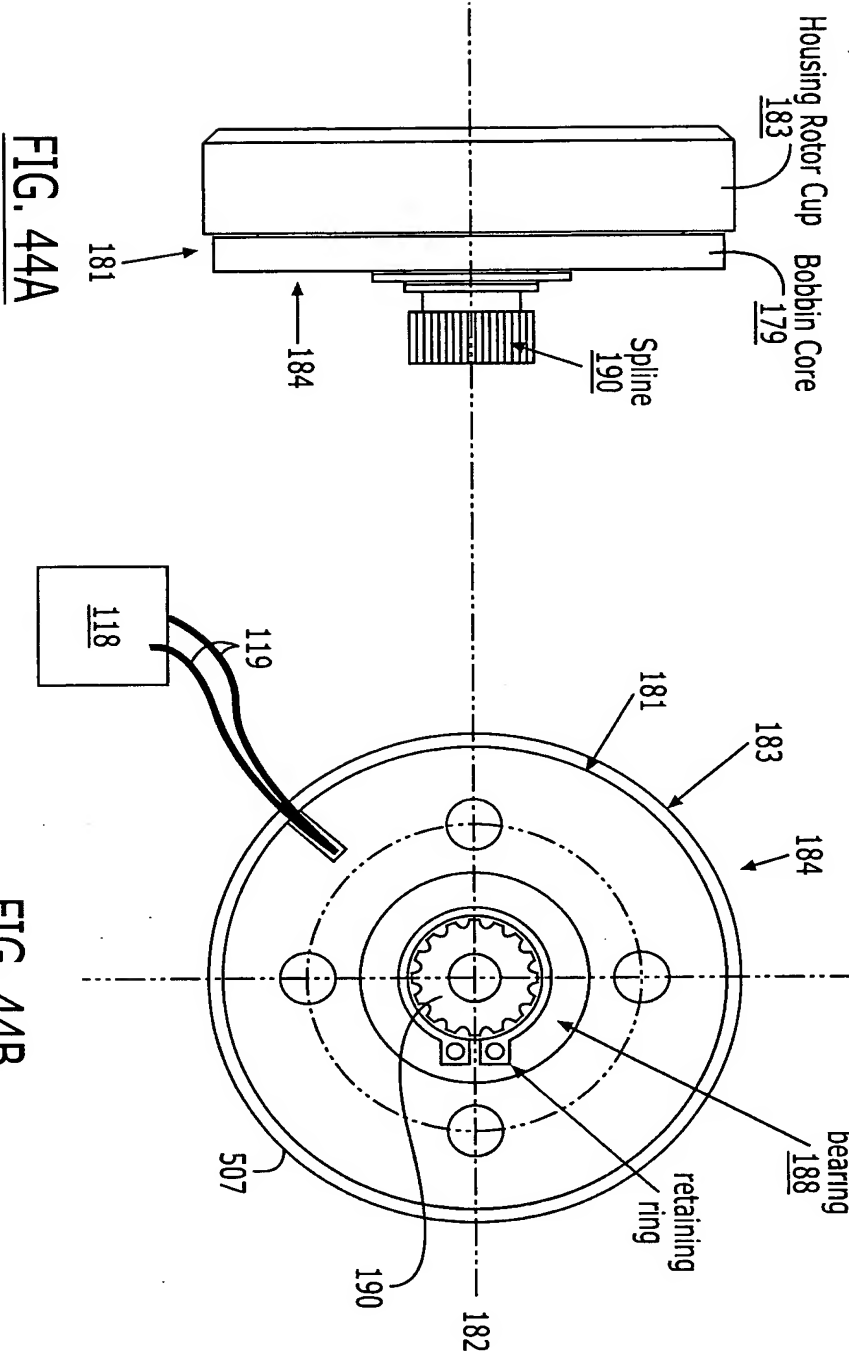


FIG. 44A

FIG. 44B

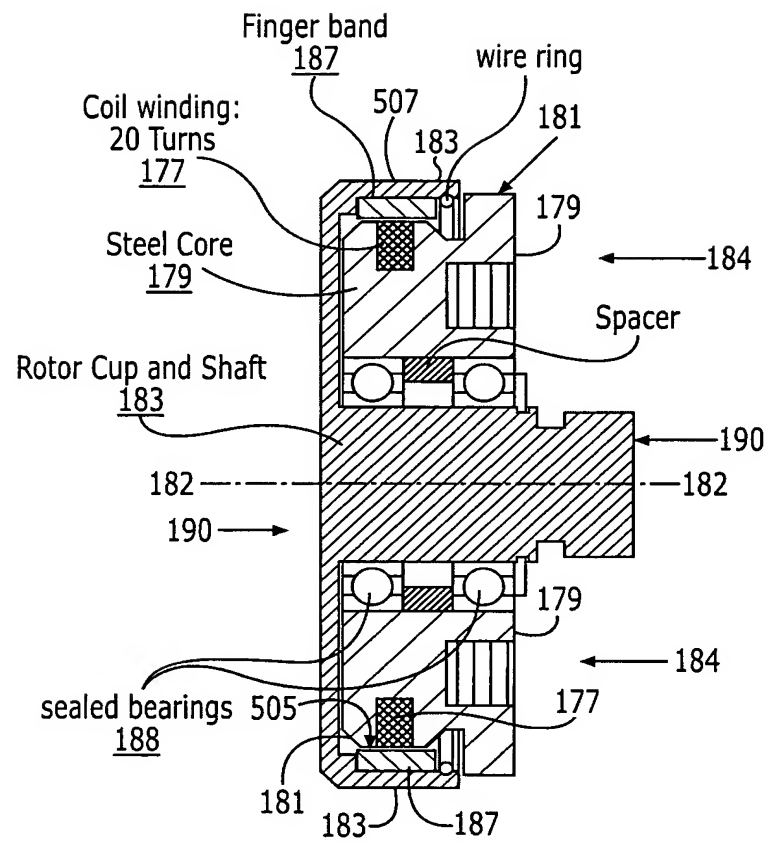
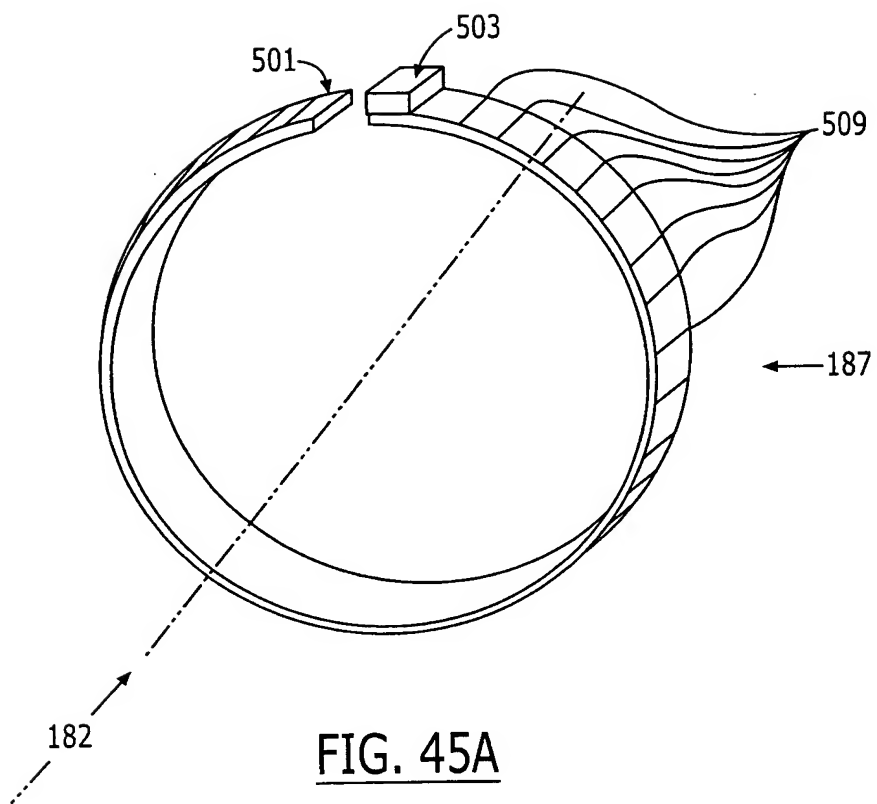
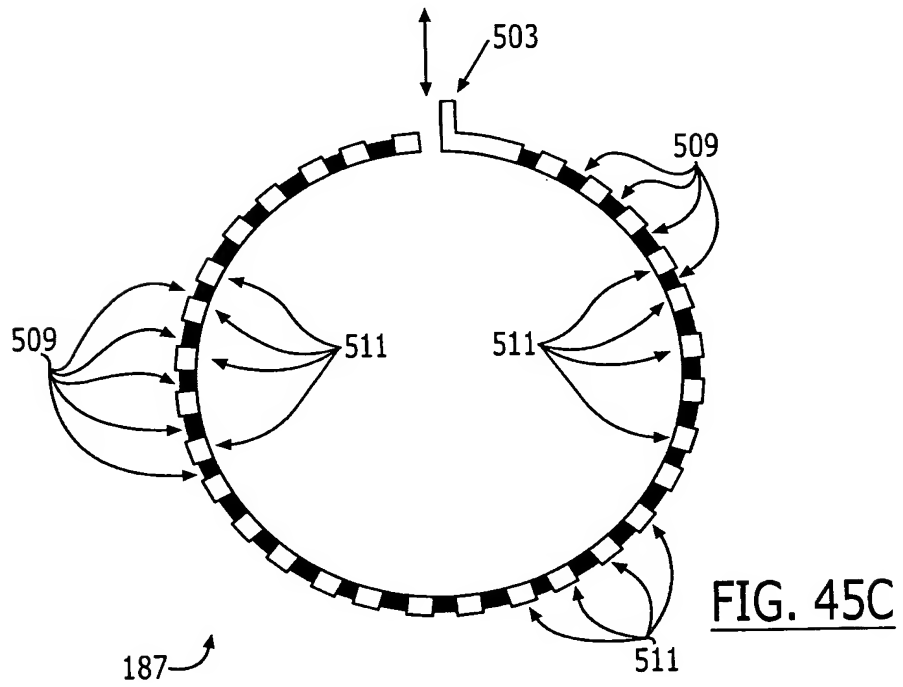
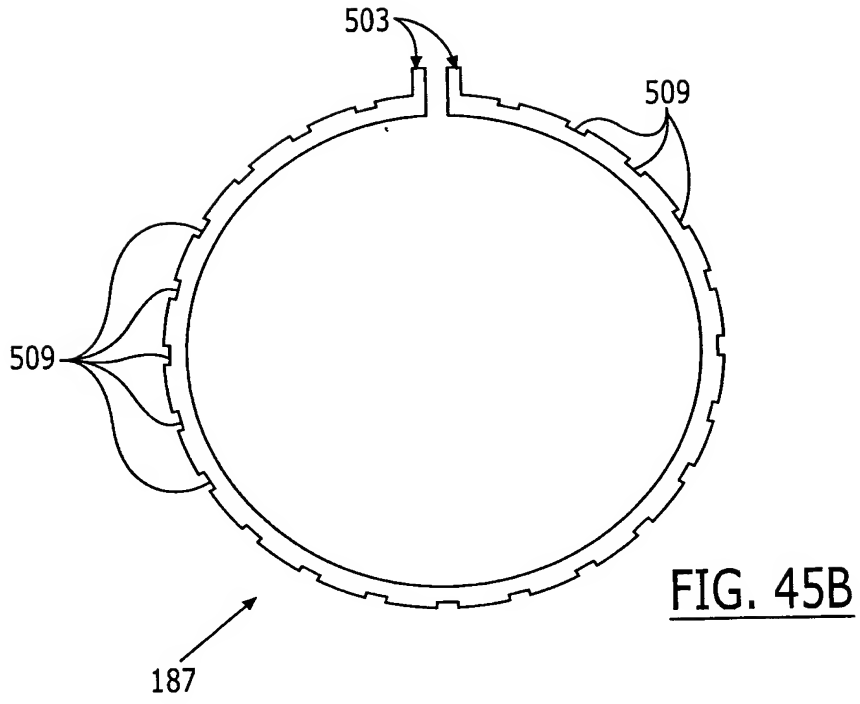


FIG. 44C





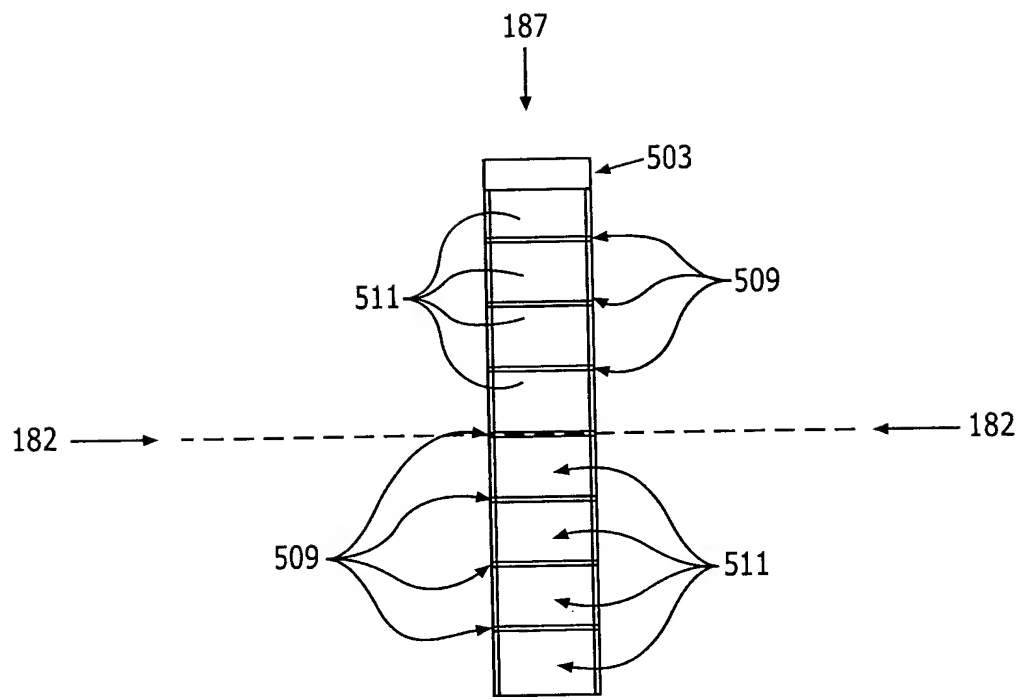


FIG. 45D

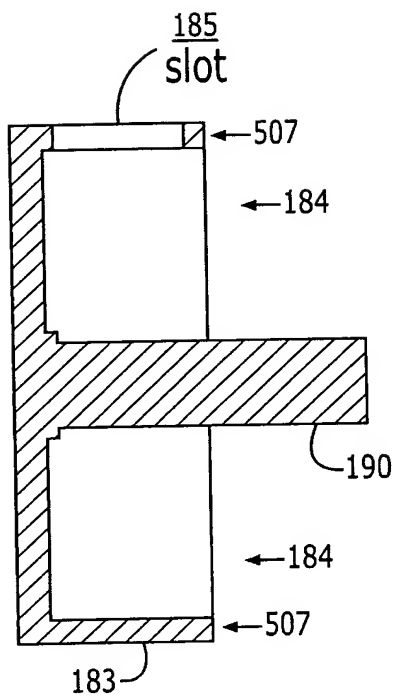


FIG. 46A

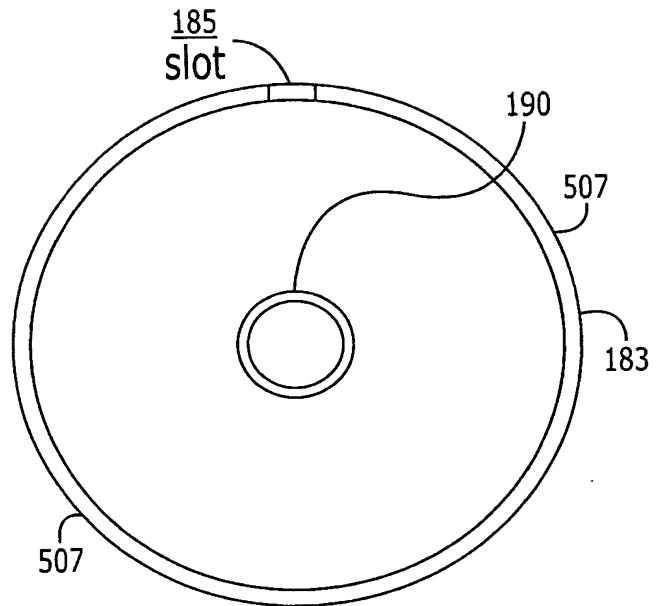


FIG. 46B

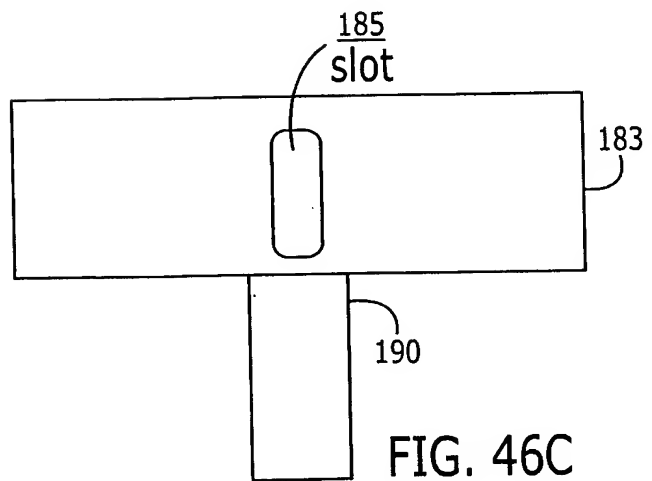
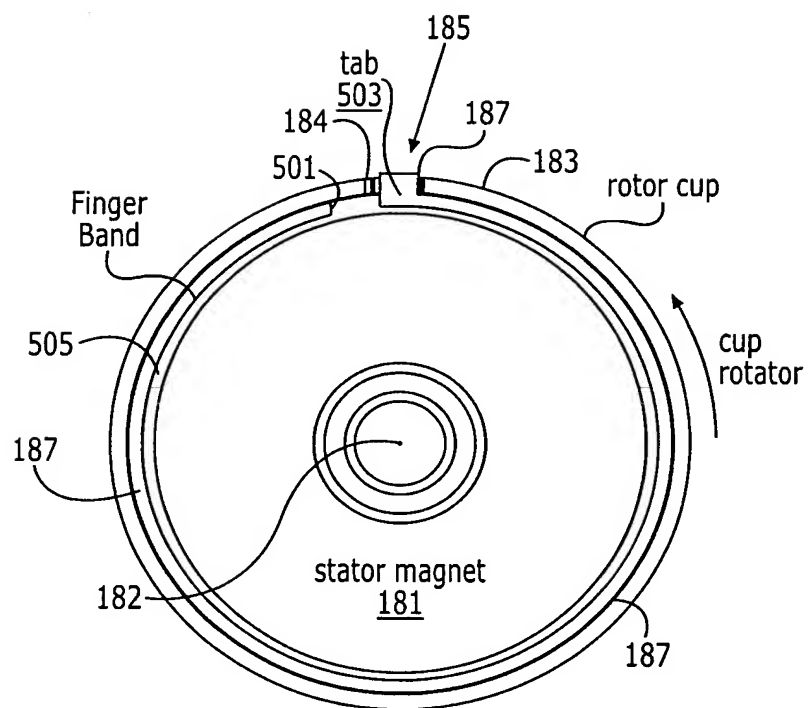


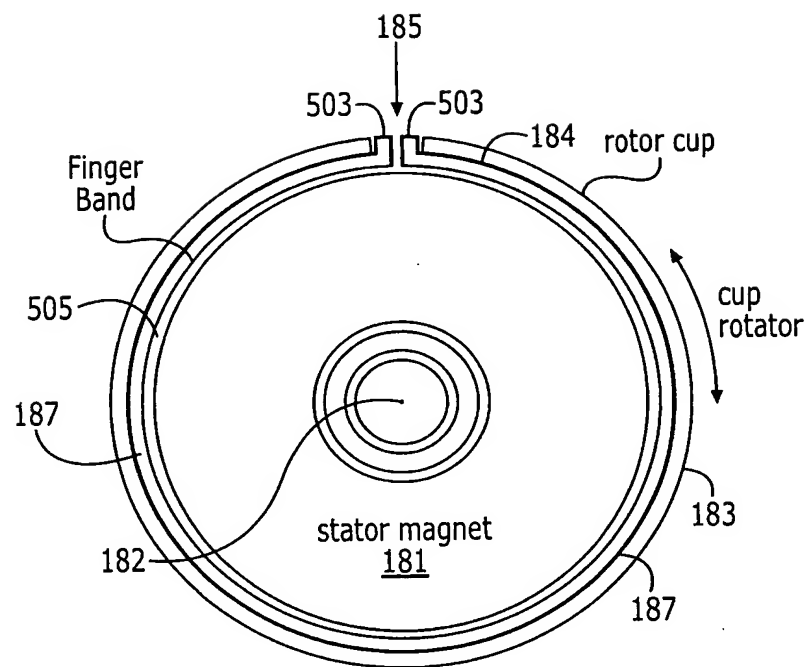
FIG. 46C



Magnet off: band releases stator and rotor turns freely

OFF-STATE CONDITION

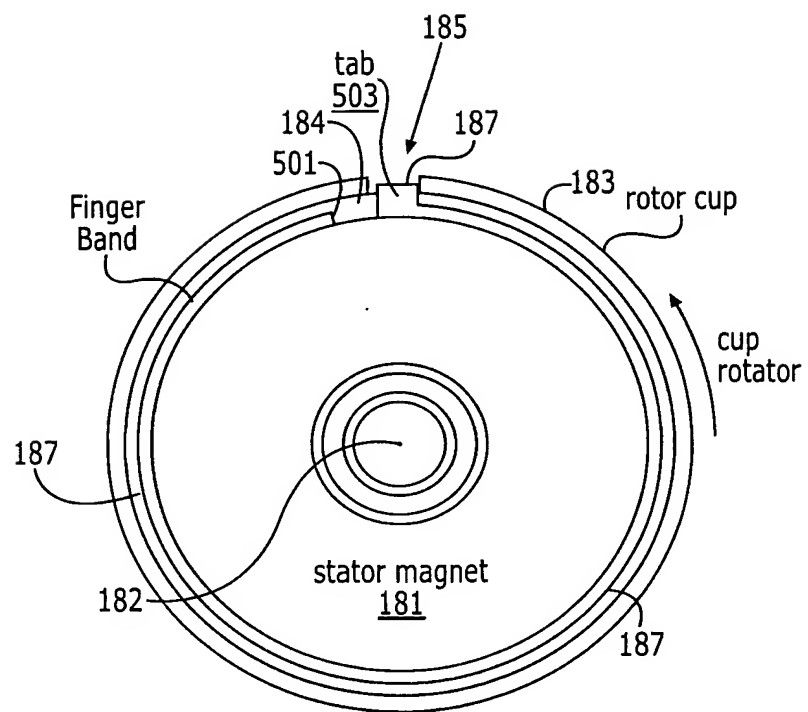
FIG. 47A



Magnet off: band releases stator and rotor turns freely

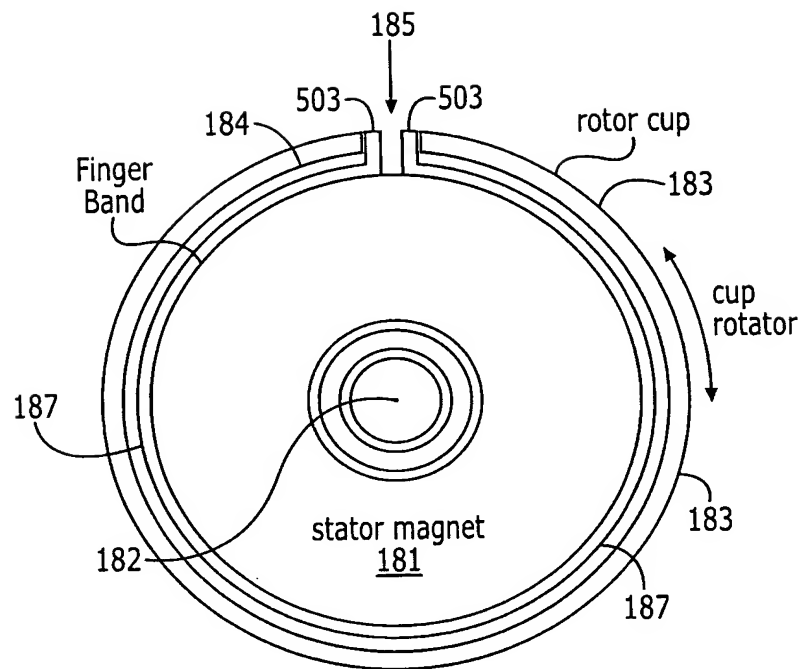
OFF-STATE CONDITION

FIG. 47B



Magnet energized: band is attracted and squeezes stator magnet
ON-STATE CONDITION

FIG. 48A



Magnet energized: band is attracted and squeezes stator magnet

ON-STATE CONDITION

FIG. 48B

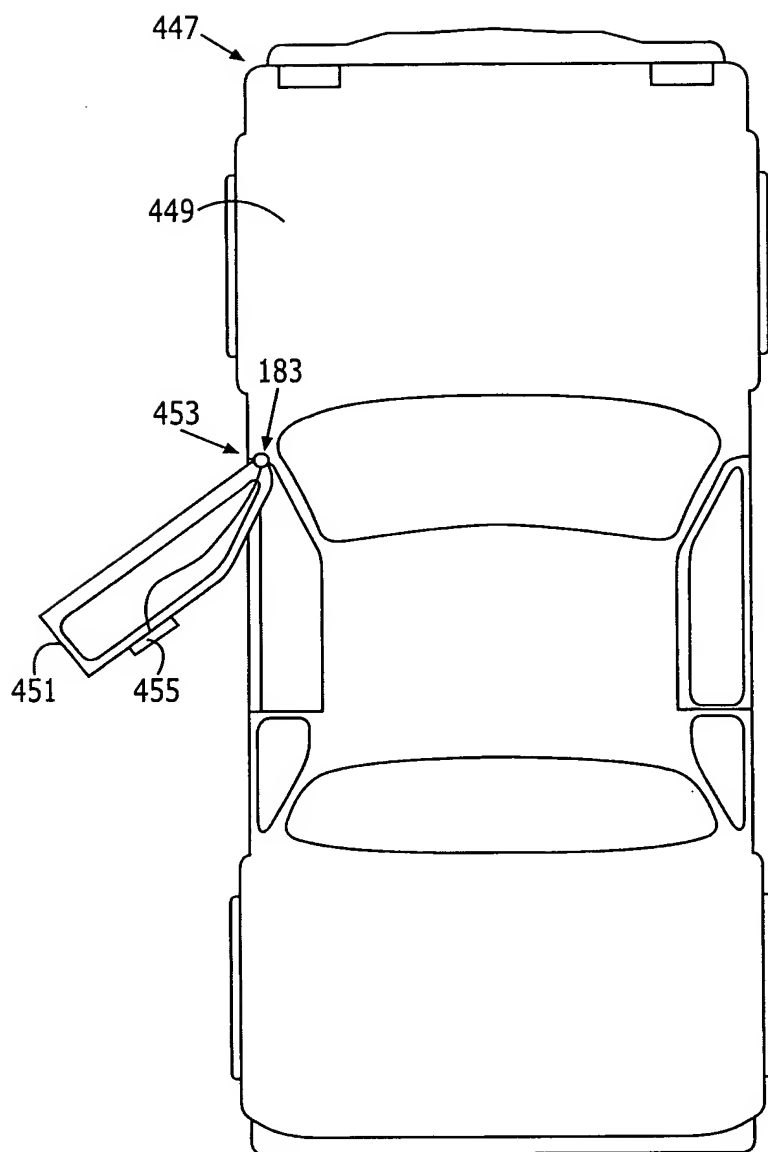


FIG. 49A

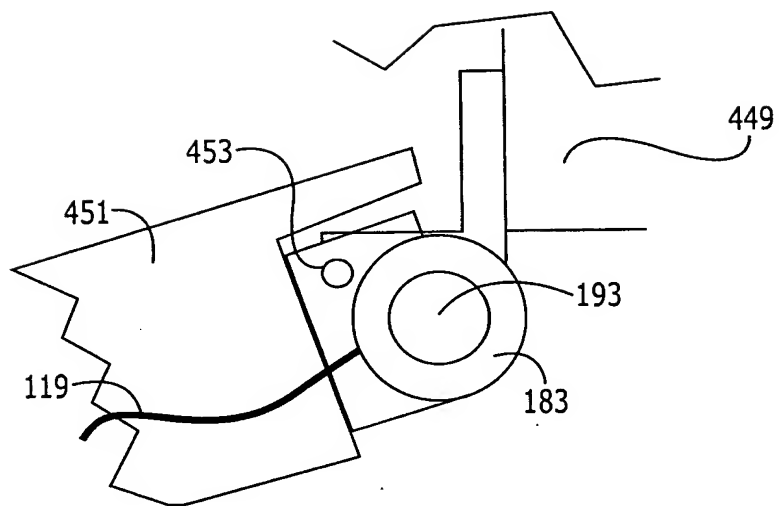
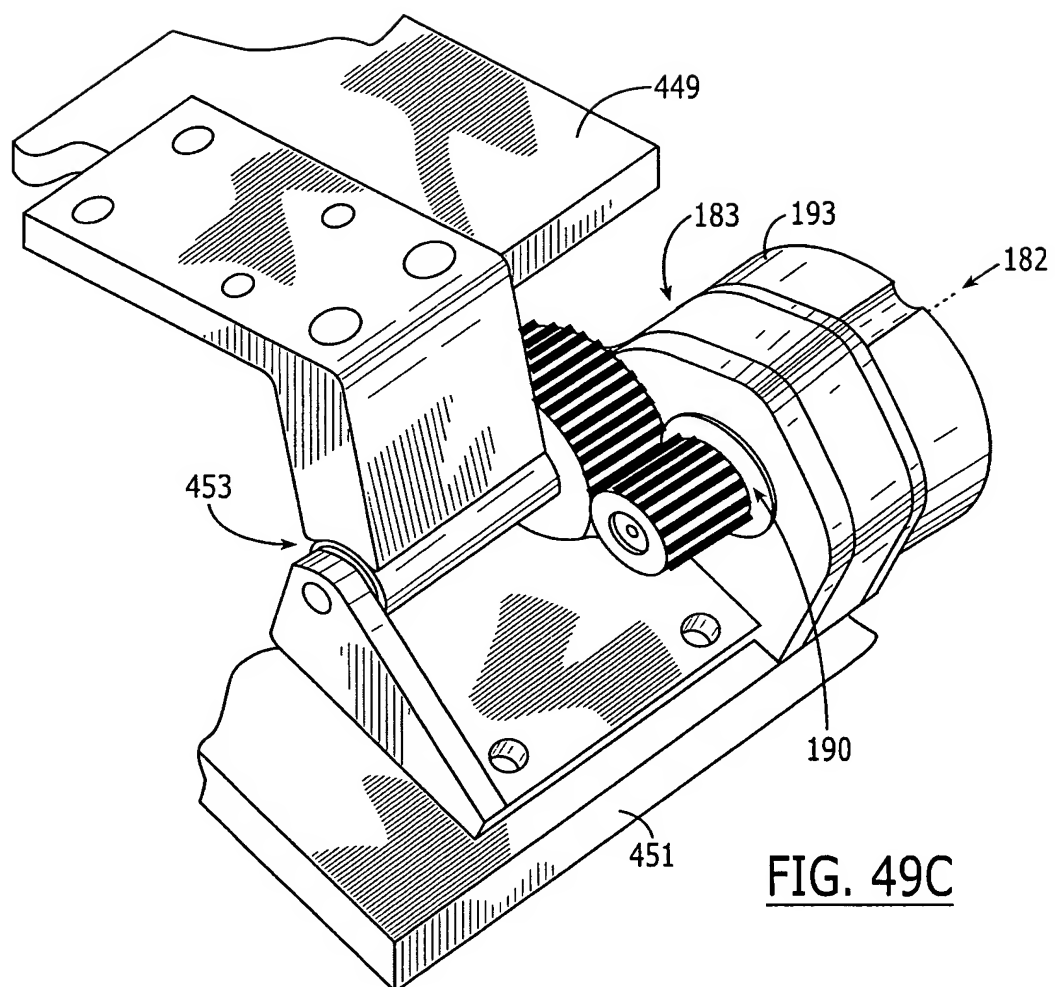


FIG. 49B



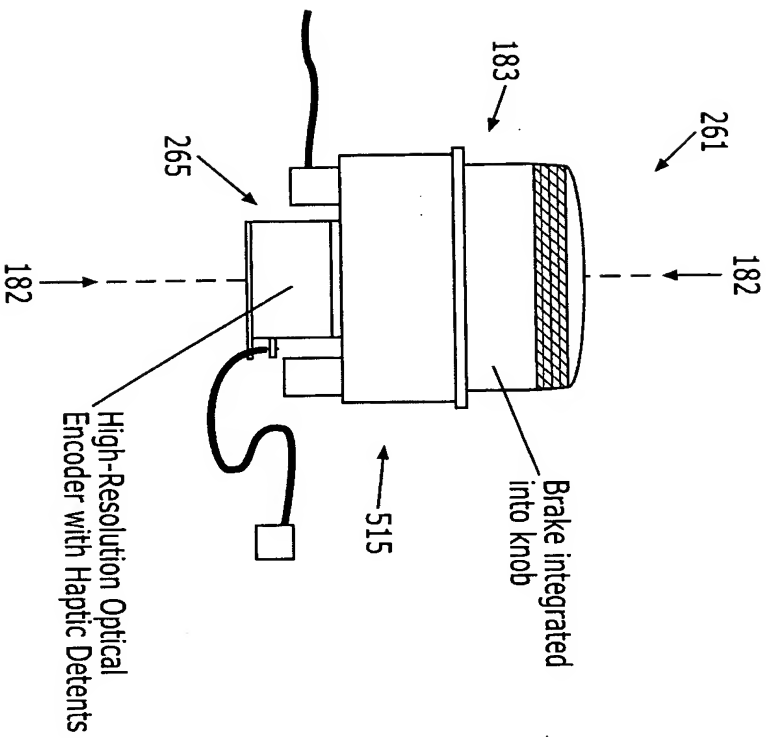


FIG. 50A

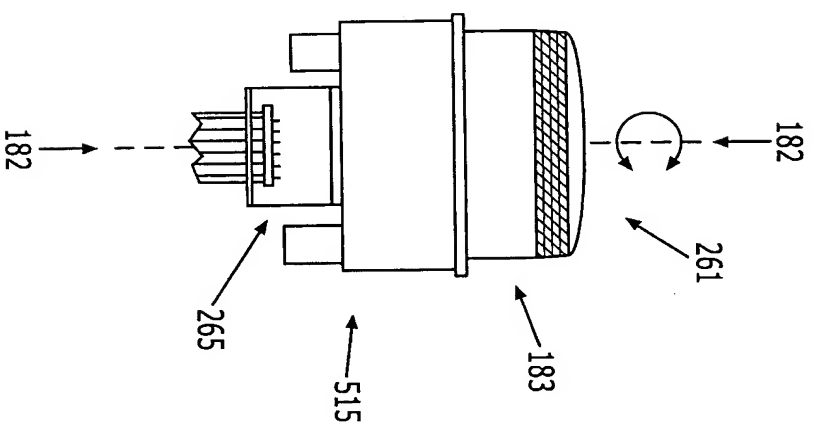


FIG. 50B

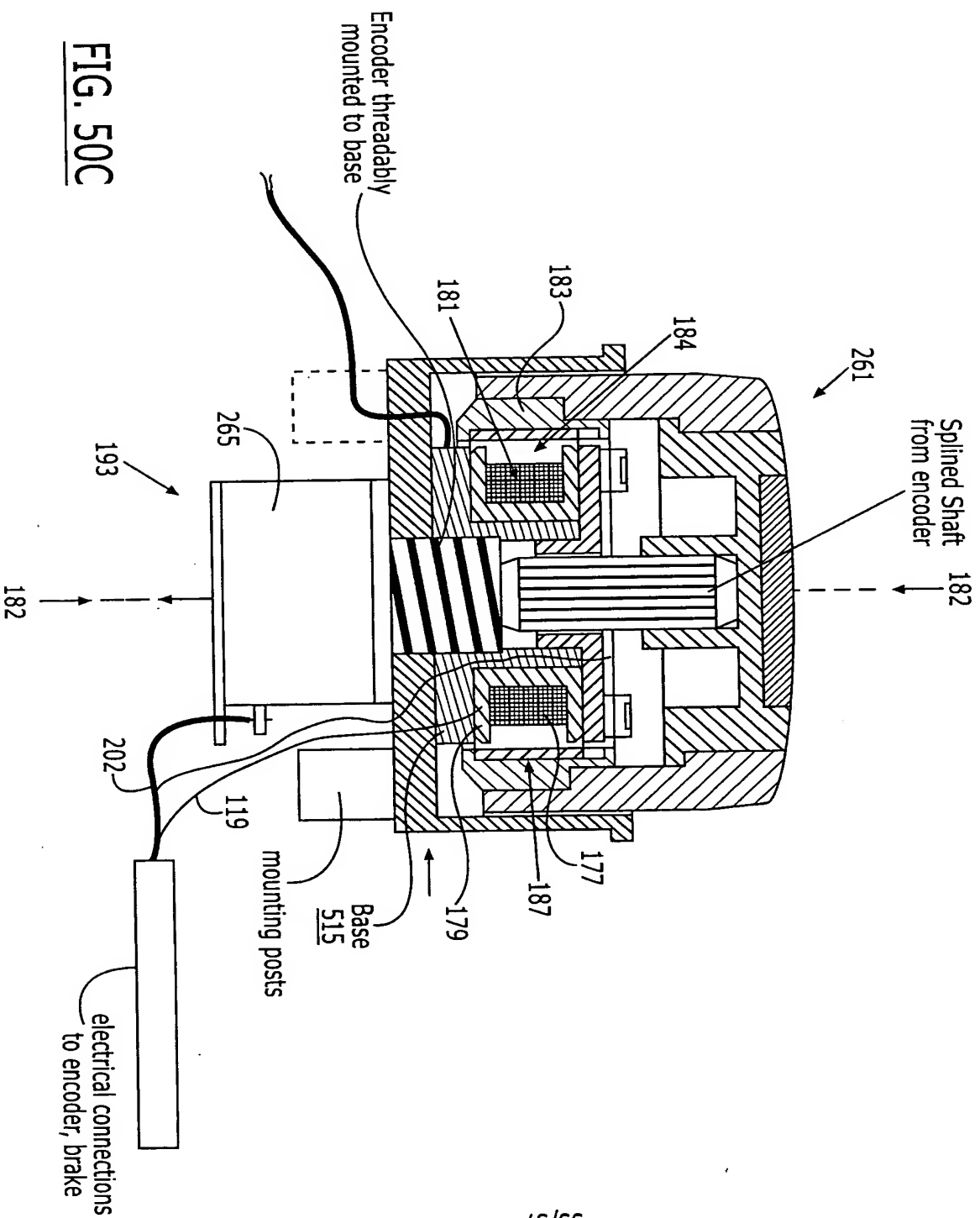


FIG. 50C

Stops, Optical Code and Detent Relationship

HARD STOPS
may be created
at any position

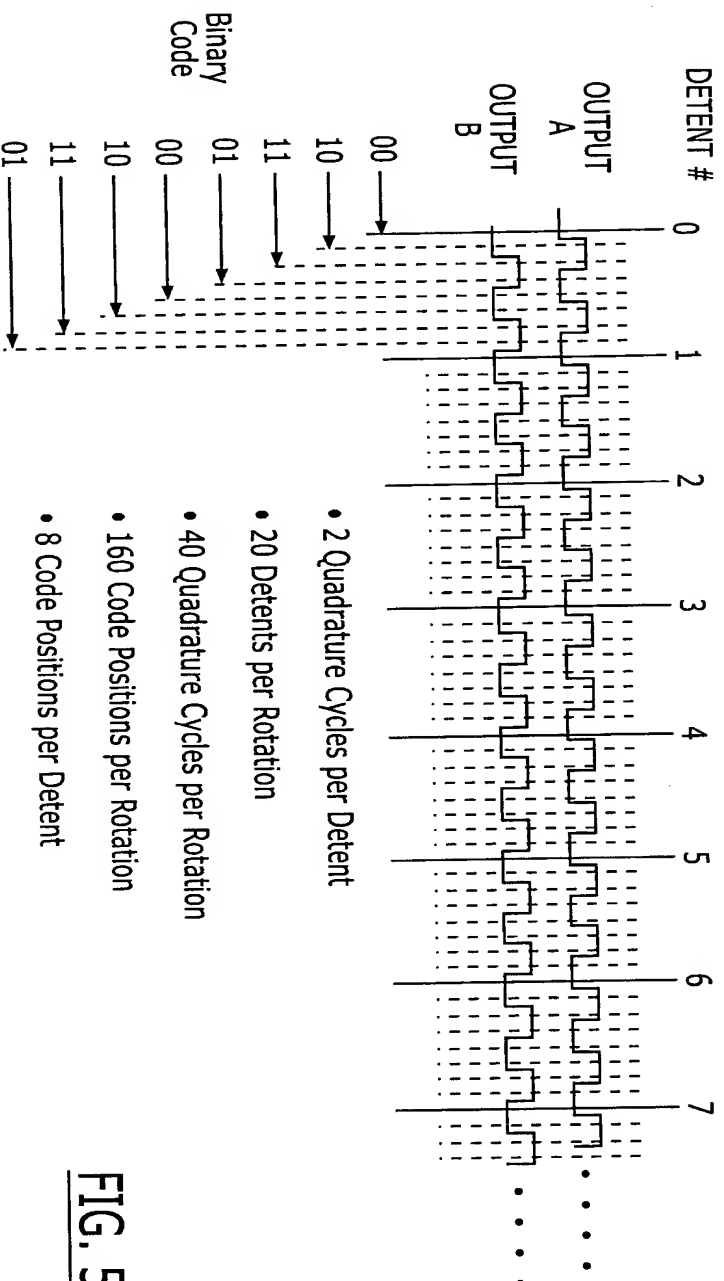
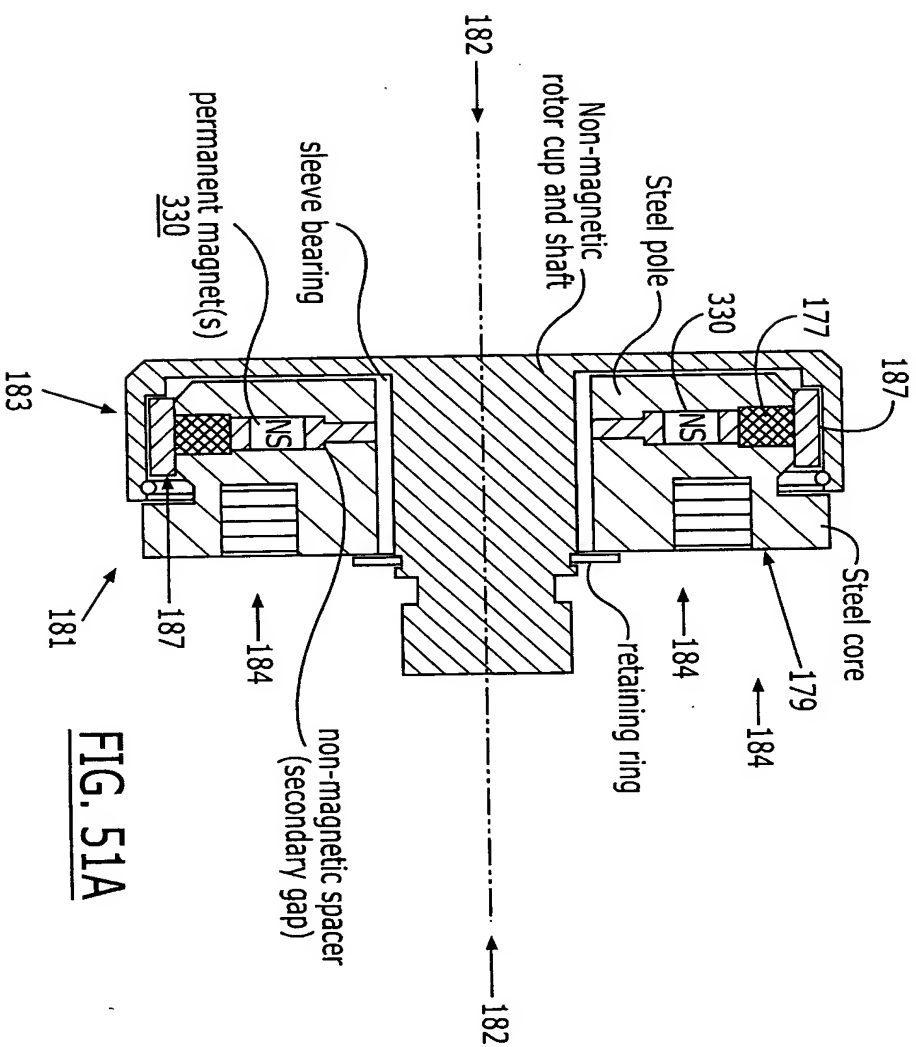


FIG. 50D



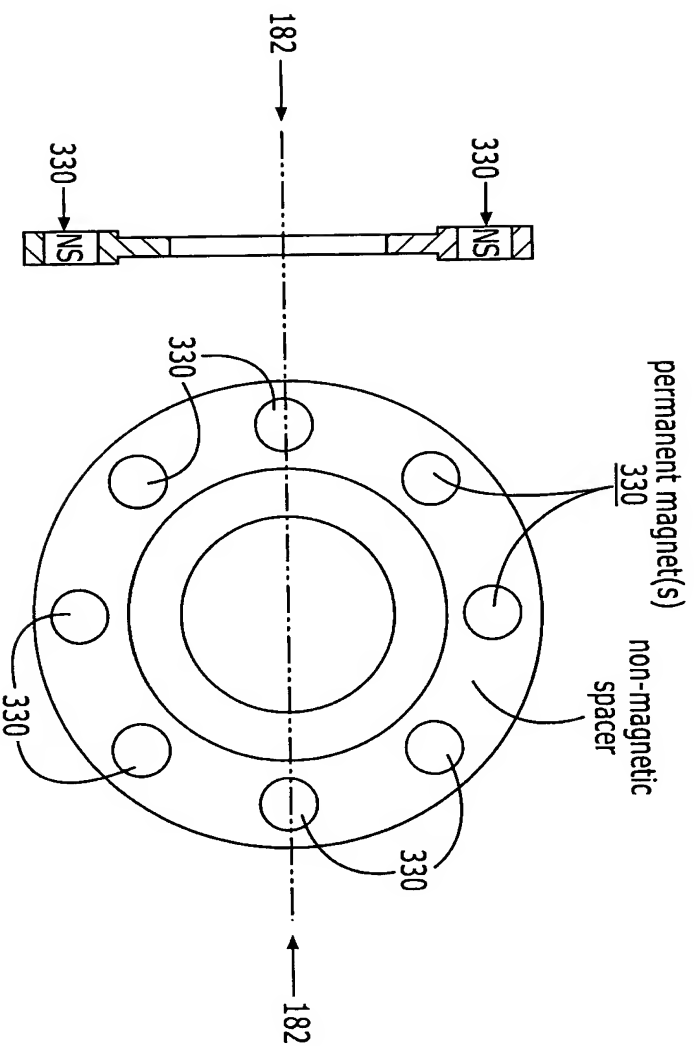


FIG. 51B

FIG. 51C

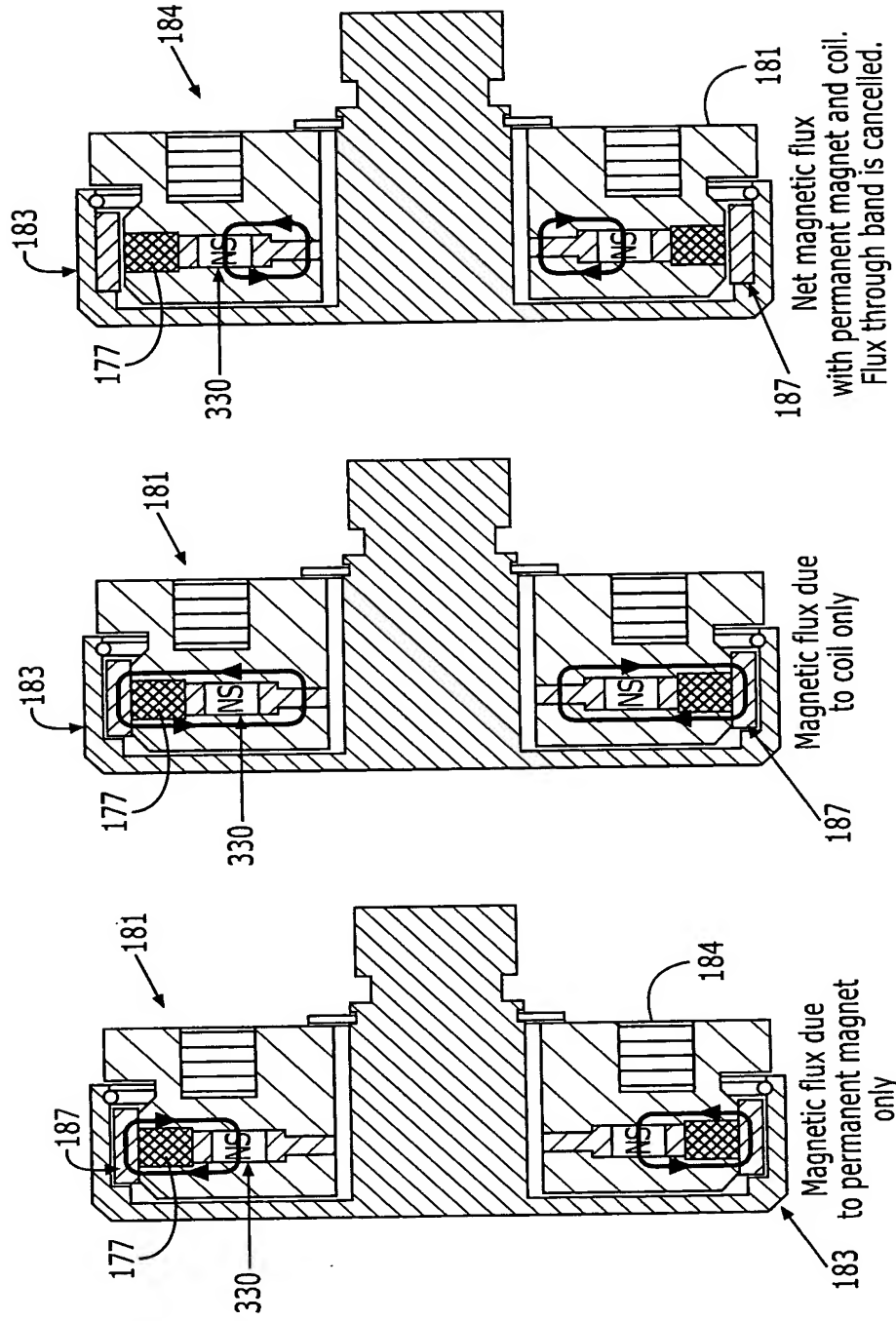


FIG. 51D

FIG. 51E

FIG. 51F